

BEST AVAILABLE COPY

**DECLARATION AND POWER OF ATTORNEY
FOR ORIGINAL U.S. PATENT APPLICATION**

Attorney's Docket No. LAM1P180/P1170X

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: HIGH ASPECT RATIO ETCH USING MODULATION OF RF POWERS OF VARIOUS FREQUENCIES, the specification of which,

1. is attached hereto.
2. was filed on _____ as
U.S. Application No. _____
and was amended on _____.
3. was filed on _____ as
International PCT Application No. _____
and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, CFR § 1.56.

Foreign Application(s)

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Priority Benefits Claimed?
Yes No

Application No.	(Country)	(Filing Date)
_____	_____	_____
_____	_____	_____

Yes No

Provisional Application(s)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

Application No.	(Filing Date)
_____	_____
_____	_____

BEST AVAILABLE COPY

Prior U.S. Application(s)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

App. No. 2628-026
(Application No.)

08/22/03
(Filing Date)

Pending
(Status - patented, pending, abandoned)

App. No. _____

(Filing Date)

(Status - patented, pending, abandoned)

Power of Attorney

And I hereby appoint the law firm of Beyer Weaver & Thomas, LLP and all practitioners who are associated with the Customer Number 022434 as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Direct Correspondence To:

Customer Number: 022434

22434

Direct Telephone Calls To:

Michael Lee at telephone number (831) 655-2300

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of
Role of First Inventor:

CAMELIA RUSU

Citizenship: Romania

Inventor's signature:

Camelia Rusu

Date of Signature: 12/6/2003

Residence: (City)

Fremont

(State/Country) CA/USA

Post Office Address:

4469 Richmond Avenue, Fremont, CA 94536

Typewritten Full Name of
Second Inventor:

RAJINDER DHJNDSA

Citizenship: USA

Inventor's signature:

Rajinder Dhesia

Date of Signature: 12/19/03

Residence: (City)

San Jose

(State/Country) CA/USA

Post Office Address:

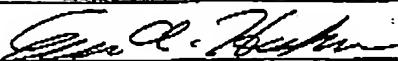
3670 Rollingside Drive, San Jose, CA 95148

BEST AVAILABLE COPY

Typewritten Full Name of
First Inventor:

ERIC A. HUDSON

Inventor's signature:



Residence: (City)

Berkeley

Post Office Address:

1820 Catalina Avenue, Berkaley, CA 94707

Citizenship: USA

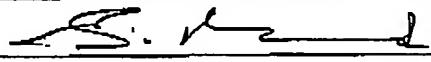
Date of Signature: 12-11-03

(State/Country) CA/USA

Typewritten Full Name of
Second Inventor:

MUKUND SRINIVASAN

Inventor's signature:



Residence: (City)

Fremont

Post Office Address:

3836 Springfield Common, Fremont, CA 94555

Citizenship: India

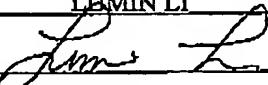
Date of Signature: 12/12/03

(State/Country) CA/USA

Typewritten Full Name of
Third Inventor:

LHMIN LI

Inventor's signature:



Residence: (City)

Santa Clara

Post Office Address:

3480 Tracy Drive, Santa Clara, CA 95051

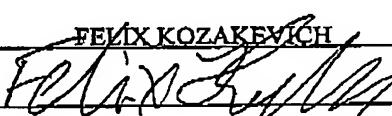
Citizenship: USA

Date of Signature: 12/10/03

(State/Country) CA/US

Typewritten Full Name of
Fourth Inventor:

FELIX KOZAKEVICH



Inventor's signature:

Citizenship: USA

Residence: (City)

Sunnyvale

Post Office Address:

1444 Enderby Way, Sunnyvale, CA 94087

Date of Signature: 12/10/03

(State/Country) CA/USA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: RUSU et al.

Attorney Docket No.:
LAM1P180/P1170X

Application No.: Filed Herewith

Examiner: Unassigned

Filed: Herewith

Group: Unassigned

Title: HIGH ASPECT RATIO ETCH USING
MODULATION OF RF POWERS OF VARIOUS
FREQUENCIES

CERTIFICATE OF EXPRESS MAILING

I hereby certify that this paper and the documents and/or fees referred to as attached therein are being deposited with the United States Postal Service on December 15, 2003 in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR §1.10, Mailing Label Number **ET582748119US**, addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Sue Funchess
Sue Funchess

ASSOCIATE POWER OF ATTORNEY

Commissioner for Patents
Alexandria, VA 22313-1450

Sir:

The undersigned attorney of record in the subject patent application hereby grants an Associate Power of Attorney to add Jeffrey J. Brooks, Registration No. 35,834 and Michael S. Brandt, Registration No. 39,119, both of Lam Research Corporation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Please send all correspondence for this application as follows:

Customer Number 022434
BEYER WEAVER & THOMAS, LLP
P.O. Box 778
Berkeley, CA 94704-0778

22434

Please direct any calls to Michael Lee at (831) 655-2300.

Respectfully submitted,
BEYER WEAVER & THOMAS, LLP

Michael Lee

Michael Lee
Reg. No. 31,846